

Name: _____

Date: _____

FOIL and Factor pop quiz (version 22)

FOIL the expressions shown below:

1. $(x - 1)(x - 4)$

$$x^2 - 5x + 4$$

2. $(x + 3)(x + 8)$

$$x^2 + 11x + 24$$

3. $(x + 7)(x - 7)$

$$x^2 - 49$$

4. $(x - 9)(x - 2)$

$$x^2 - 11x + 18$$

5. $(x + 9)(x + 8)$

$$x^2 + 17x + 72$$

Factor the expressions shown below:

6. $x^2 - 15x + 54$

$$(x - 6)(x - 9)$$

7. $x^2 + 9x + 14$

$$(x + 2)(x + 7)$$

8. $x^2 - 5x - 36$

$$(x - 9)(x + 4)$$

9. $x^2 - 2x - 48$

$$(x - 8)(x + 6)$$

10. $x^2 - 4$

$$(x - 2)(x + 2)$$